

Patent Abstracts of Japan

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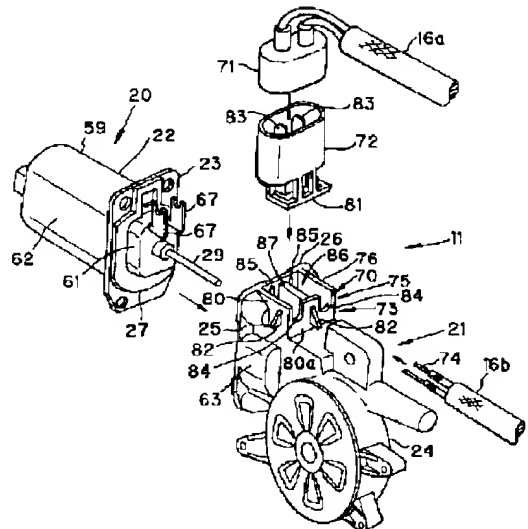
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APPLICANT : MABUCHI MOTOR CO LTD;

INVENTOR : MAKIGUCHI HIROSUKE;

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TITLE : SMALL MOTOR WITH SPEED
REDUCER



ABSTRACT : PROBLEM TO BE SOLVED: To enable to easily connect feed lines to a motor by providing an electric input section with a first connecting means to mount a connecting member for a connector and a second connecting means for housing and guiding and supporting a connection part of a feed line.

SOLUTION: In an electric input section 70, a hollow projecting section 76 having a bottom which forms an inner space 86 is formed as an integral part of a gear case 24 and terminals 67 at the motor side are projecting from a bottom section 77. The electric input section 70 has a first connecting means 73 and a second connecting means 75. The first connecting means 73 is used for connecting the terminals 67 at the motor side and a feed line 16a in a connector 71 and is structured so as to be mounted with an adaptor 72. The second connecting means 75 is used to connect core wires 74 of a feed line 16b to the terminals 67 at the motor side and has a projecting section 76 to store a connection of the feed line 16b in its inner space 86 and two nearly U-shaped recessed sections 84 which are formed at an upper edge of an end face 80a of a side wall 80 and which guide and support the two core wires of the feed line 16d. Because of this structure, the feed lines can be easily connected to the electric input section.

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